

## National Functional Guidelines Report # 3

16:15 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4FY2

Case 37947

Contract EPW05030

Region 9

DDTID 65618

SOW SOM01.2

**Data Review Results**

Continuing Calibration Verification

Continuing Calibration Verification		VOA_LOW_MED
VC14	The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.	
	VBLK5W, VBLK5Y, VBLKC5, VHBLKC5, Y4FY2, Y4FY4, Y4FY5, Y4FY6, Y4FY7, Y4FY8, Y4FY9, Y4FZ0, Y4FZ1, Y4FZ2, Y4FZ3, Y4FZ4, Y4FZ6, Y4FZ7, Y4FZ8, Y4FZ9, Y4G00, Y4G01, Y4G02, Y4G07, Y4G07MS, Y4G07MSD	
	<b>Isopropanol</b> VSTD0505W, VSTD0505Y, VSTD050C5	
	VBLK5W, VBLK5Y, VBLKC5, VHBLKC5, Y4FY2, Y4FY4, Y4FY5, Y4FY6, Y4FY7, Y4FY8, Y4FY9, Y4FZ0, Y4FZ1, Y4FZ2, Y4FZ3, Y4FZ4, Y4FZ6, Y4FZ7, Y4FZ8, Y4FZ9, Y4G00, Y4G01, Y4G02, Y4G07, Y4G07MS, Y4G07MSD	

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DMC/Surrogate

DMC/Surrogate	VOA_LOW_MED
VDSS3	The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified.
	<b>Vinyl chloride-d3</b> Y4FY8, Y4FZ1
	Vinyl chloride

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**Data Review Results**

## Detection Limit

Detection Limit	VOA_LOW_MED
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	Y4FZ0, Y4FZ2, Y4FZ3, Y4FZ4, Y4FZ7, Y4FZ8, Y4G07, Y4G07MS, Y4G07MSD
	<b>cis-1,2-Dichloroethene</b> Y4FZ3, Y4FZ4, Y4FZ7, Y4FZ8, Y4G07, Y4G07MS, Y4G07MSD
	<b>Benzene</b> Y4FZ0
	<b>Trichloroethene</b> Y4FZ2

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## Initial Calibration

Initial Calibration		VOA_LOW_MED
VC15	The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.	
	VBLK5W, VBLK5Y, VBLKC5, VHBLKC5, Y4FY2, Y4FY4, Y4FY5, Y4FY6, Y4FY7, Y4FY8, Y4FY9, Y4FZ0, Y4FZ1, Y4FZ2, Y4FZ3, Y4FZ4, Y4FZ6, Y4FZ7, Y4FZ8, Y4FZ9, Y4G00, Y4G01, Y4G02, Y4G07, Y4G07MS, Y4G07MSD	
	<b>1,4-Dioxane</b> VSTD0055K	
	<b>Isopropanol</b> VSTD0055K, VSTD0105K, VSTD0505K, VSTD1005K, VSTD2005K	
Initial Calibration		VOA_LOW_MED
VC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified.	
	VBLK5W, VBLK5Y, VBLKC5, VHBLKC5, Y4FY2, Y4FY4, Y4FY5, Y4FY6, Y4FY7, Y4FY8, Y4FY9, Y4FZ0, Y4FZ1, Y4FZ2, Y4FZ3, Y4FZ4, Y4FZ6, Y4FZ7, Y4FZ8, Y4FZ9, Y4G00, Y4G01, Y4G02, Y4G07, Y4G07MS, Y4G07MSD	
	<b>1,4-Dioxane-d8</b> VSTD0055K, VSTD0105K	
	1,4-Dioxane	
Initial Calibration		VOA_LOW_MED
VC6	The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.	
	VBLK5W, VBLK5Y, VBLKC5, VHBLKC5, Y4FY2, Y4FY4, Y4FY5, Y4FY6, Y4FY7, Y4FY8, Y4FY9, Y4FZ0, Y4FZ1, Y4FZ2, Y4FZ3, Y4FZ4, Y4FZ6, Y4FZ7, Y4FZ8, Y4FZ9, Y4G00, Y4G01, Y4G02, Y4G07, Y4G07MS, Y4G07MSD	
	<b>1,2,4-Trichlorobenzene</b> BFB5K	
	VBLK5W, VBLK5Y, VBLKC5, VHBLKC5, Y4FY2, Y4FY4, Y4FY5, Y4FY6, Y4FY7, Y4FY8, Y4FY9, Y4FZ0, Y4FZ1, Y4FZ2, Y4FZ3, Y4FZ4, Y4FZ6, Y4FZ7, Y4FZ8, Y4FZ9, Y4G00, Y4G01, Y4G02, Y4G07, Y4G07MS, Y4G07MSD	

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TIC

TIC		VOA_LOW_MED
VTIC1	A library search indicates a match at or above 85% for a TIC compound in the volatile sample. Detected compounds are qualified NJ. Nondetected compounds are not qualified.	
	78-84-2 Y4FZ3	
TIC		VOA_LOW_MED
VTIC2	A library search indicates a match below 85% for a TIC compound in the volatile sample. Detected compounds are qualified J. Nondetected compounds are not qualified.	
	Unknown-01 Y4FZ6	